Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 28 Dec 2022 until 23:59 on Thursday 29 Dec 2022

Forecast Issued on Wednesday 28 Dec 2022 at 00:35

Confidence: High for the continuing unsettled weather, becoming Medium for details such as timing of rain and cloud bases.

Headline for Wednesday 28 Dec 2022: Wet and windy.

Mountain weather hazards on Wednesday 28 Dec 2022

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Fog	Partly cloudy (night)	Heavy rain showers (night)
Precipitation probability					
20%	90%	90%	80%	30%	40%

Forecast for Wednesday 28 Dec 2022

Weather: Rain starting around dawn, becoming persistent through much of the daylight hours, heavy at times. Rain then clearing mid to late afternoon, but followed by heavy showers in the evening. Wind strengthening through the day, with gales developing over higher elevations during the afternoon.

Chance of cloud-free hill tops above 600m: Soon becoming 20%, then becoming 60% late afternoon.

Low cloud and visibility: Extensive cloud soon developing, base 500-600m, lowering 300m at times. Becoming occasional cloud base 600m at times late afternoon. Visibility moderate or poor in rain with nearby hills difficult to make out and very poor at times in cloud with nearby landmarks obscured. Becoming good with distant hills visible late afternoon, but brief deteriorations to poor or very poor again as showers move through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 28 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/31 SW	19/27 S	27/37 S	29/40 S	33/46 SW	34/48 SW	33/48 SW
300	15/24 S	14/22 S	20/31 S	22/34 S	23/36 SW	25/39 SW	25/39 SW
Valley	8/24 SW	8/20 SE	13/30 S	15/33 S	15/35 SW	17/38 SW	17/38 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-0	6/0	6/1	5/-1	4/-2	4/-3
300	6/2	6/2	8/4	8/4	8/3	7/2	6/1
Valley	5/2	6/4	8/5	9/6	8/4	7/3	7/2
Freezing Level*	1000m	1800m	1700m	2100m	1400m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Persistent rain is likely to give drenching conditions for a time. This will be combined with increasingly strong winds giving difficult walking conditions with a risk of being blown off balance.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 28 Dec 2022	15.2mm	15.4mm	20mm

Forecast for Thursday 29 Dec 2022

Weather: Very windy with showers, and a risk of thunder in the afternoon. Some drier and brighter spells in between showers. Winds easing somewhat later in the day.

Maximum wind: West or Southwest 40mph gusting 50-60mph with a severe wind chill and buffeting.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Occasional cloud, base reaching the higher summits at times. Visibility very good falling poor or very poor in showers and cloud.

Temperature: **Valleys:** Plus 2 to 5 Celsius
At 600m: Plus 2 or 3 Celsius
Freezing level: 700-1000m

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